

Observations of Brooks' Comet (c 1893), made at the Royal Observatory, Greenwich.
(Communicated by the Astronomer Royal.)

The observations were made with the East, or Sheepshanks, equatorial, aperture 6·7 inches, by taking transits over two cross-wires at right angles to one another, and each inclined 45° to the parallel of declination. Magnifying power, 55.

Greenwich Mean Solar Time.	Observer.	★R.A.		Corr. for Refraction.	Log factor of Parallax.	★N.P.D.	Corr. for Refraction.	Log factor of Parallax.	No. of Comps.	Apparent R.A.			Apparent N.P.D.			Comp. Star.
		d	h m s							m	s	'	"	°	'	
1893. Dec.	B.	7	6 3 23	+3	6·06	-11	0·6	9·7558	-0·01	9·7558	2	0·8106	a
	"	7	6 16 8	+2	7·64	+16	30·9	9·7346	0·00	9·7346	3	0·8241	14 34 12·87	30	7 30·4	b
	"	7	6 18 33	+2	13·15	+14	11·8	9·7304	0·00	9·7304	2	0·8266	14 34 12·81	30	7 15·1	c
	H.	9	8 42 1	+0	44·94	+2	29·6	9·2223	0·00	9·2223	4	0·9015	14 47 59·40	27	46 50·3	d
	"	9	11 54 20	+1	45·35	-5	49·6	9·6602	0·00	9·6602	3	0·8566	14 48 59·81	27	38 30·1	d
	B.	15	13 7 19	+4	14·00	+0	27·7	9·8548	0·00	9·8548	6	0·7784	15 41 12·49	21	26 7·6	e
	"	15	13 7 19	+2	53·00	-3	38·3	9·8548	+0·01	9·8548	6	0·7784	15 41 11·99	21	26 10·1	f
	"	15	14 10 37	-1	33·91	+4	13·2	9·9503	-0·02	9·9503	5	0·6914	15 41 42·21	21	23 39·6	g

Notes.

The observations are corrected for refraction, but not for parallax. They are also corrected for the error of inclination of the wires, and for the motion of the comet.

December 15.—The comet was brighter and more condensed than on December 7. Observations much interfered with by fleecy clouds.

The initials H. and B. are those of Mr. Hollis and Mr. Bryant respectively.

Comparison Stars.

Star's Name.	R.A. 1893'o. h m s	N.P.D. 1893'o.		Authority.
		°	' "	
<i>a</i> Anonymous	14 31 7	30	18'6"	Difference from star <i>b</i> .
<i>b</i> B.D. + 60°; 1552	14 32 5'23	29	50 30'0	Helsingfors Gotha Ast. Gesell. Catalogue.
<i>c</i> B.D. + 60°, 1551	14 31 59'66	29	52 33'9	" "
<i>d</i> B.D. + 62°; 1370	14 47 14'85	27	43 52'1	" "
<i>e</i> B.D. + 68°; 844	15 37 0'62	21	25 13'8	Christiania Ast. Gesell. Catalogue.
<i>f</i> B.D. + 68°; 846	15 38 21'12	21	29 22'6	" "
<i>g</i> B.D. + 68°; 849	15 43 18'46	21	19 0'8	" "

Royal Observatory, Greenwich :
1894 January 9.

Observations of Occultations of Stars by the Moon, and of Phenomena of Jupiter's Satellites, made at the Royal Observatory, Greenwich, in the Year 1893.

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Occultations of Stars by the Moon.

Day.	Phenomenon.	Telescope.	Power.	Moon's limb.	Mean Solar Time of Observation.			Observer.
					h	m	s	
1893	Feb. 26	Disapp. <i>c</i> Geminorum			9	58	35.05	L.
	Apr. 18	" 32 Tauri	Merz. Refractor	Dark	9	6	59.60	C. D.
	18	" 32 Tauri	Astrographic Equat.	"	9	7	0.30	A. C.
	18 (a)	" B.D. + 22° No. 602	E. Equat.	"	8	57	32.95	C. D.
	18 (b)	" B.D. + 22° No. 606	Astrographic Equat.	"	9	7	46.77	"
	19 (c)	" B.D. + 25° No. 762	"	"	8	13	(3.24)	H.
	19	" B.D. + 25° No. 762	Altaz.	"	8	13	13.76	C. D.
	19 (d)	" W.B. (2) IV. 1,144	Astrographic Equat.	"	8	39	35.08	H.
	19	" W.B. (2) IV. 1,144	Altaz.	"	8	39	34.87	C. D.
	19 (e)	" W.B. (2) IV. 1,142	Astrographic Equat.	"	8	43	46.88	H.
	19	" W.B. (2) IV. 1,142	Altaz.	"	8	43	48.58	C. D.
	20	" B.D. + 27° No. 963 (1st ★)	Astrographic Equat.	"	7	56	11.02	"
	20 (f)	" B.D. + 27° No. 964	"	"	8	3	9.57	"
	20	" B.D. + 27° No. 966	Merz. Refractor	"	8	9	1.24	L.

M